

**What is claimed is:**

- 1 1. An illuminated human-machine interface device, said illuminated human-machine  
2 interface device is a keyboard, said keyboard comprises: a plurality of key caps  
3 having therein fluorescent material, said fluorescent material is used to make printed  
4 symbols on said key caps recognizable under a weak light source.
- 1 2. The illuminated human-machine interface device as in claim 1, wherein said  
2 fluorescent material is fluorescent ink, and said printed symbols are formed by  
3 positive plate printing with said fluorescent ink.
- 1 3. The illuminated human-machine interface device as in claim 1, wherein said  
2 fluorescent material is fluorescent ink, and said printed symbols are formed by  
3 negative plate printing with said fluorescent ink.
- 1 4. The illuminated human-machine interface device as in claim 1, wherein said printed  
2 symbols are formed by positive plate printing using normal ink in the first place,  
3 then by positive plate printing using transparent fluorescent ink.
- 1 5. The illuminated human-machine interface device as in claim 1, wherein said printed  
2 symbols are formed by negative plate printing using normal ink in the first place,  
3 then by negative plate printing using transparent fluorescent ink.
- 1 6. The illuminated human-machine interface device as in claim 1, wherein said key  
2 caps are made of transparent plastic added with said fluorescent material.
- 1 7. The illuminated human-machine interface device as in claim 1, wherein said weak  
2 light source is a light source inside of a screen of a monitor.
- 1 8. An illuminated human-machine interface device, said illuminated human-machine  
2 interface device is a keyboard, said keyboard comprises: an upper cover having  
3 therein fluorescent material, said fluorescent material is used to make printed  
4 symbols on said upper cover recognizable under a weak light source.

- 1 9. The illuminated human-machine interface device as in claim 8, wherein said  
2 fluorescent material is fluorescent ink, and said printed symbols are formed by  
3 positive plate printing with said fluorescent ink.
- 1 10. The illuminated human-machine interface device as in claim 8, wherein said  
2 fluorescent material is fluorescent ink, and said printed symbols are formed by  
3 negative plate printing with said fluorescent ink.
- 1 11. The illuminated human-machine interface device as in claim 8, wherein said  
2 printed symbols are formed by positive plate printing using normal ink in the first  
3 place, then by positive plate printing using transparent fluorescent ink.
- 1 12. The illuminated human-machine interface device as in claim 8, wherein said  
2 printed symbols are formed by negative plate printing using normal ink in the first  
3 place, then by negative plate printing using transparent fluorescent ink.
- 1 13. The illuminated human-machine interface device as in claim 8, wherein said upper  
2 cover is made of transparent plastic added with said fluorescent material.
- 1 14. The illuminated human-machine interface device as in claim 8, wherein said weak  
2 light source is a light source inside of a screen of a monitor.
- 1 15. An illuminated human-machine interface device, said illuminated human-machine  
2 interface device is a keyboard, said keyboard comprises:  
3 an upper cover with a plurality of hole regions for keys;  
4 and a fluorescent plate having therein fluorescent material, wherein said fluorescent  
5 plate has thereon a plurality of hole regions in corresponding by position  
6 respectively to said hole regions for said keys, said fluorescent plate is placed on said  
7 upper cover.
- 1 16. The illuminated human-machine interface device as in claim 15, wherein said  
2 fluorescent material is fluorescent ink, and said fluorescent plate is applied with said

3      fluorescent ink.

1      17. The illuminated human-machine interface device as in claim 15, wherein said  
2      fluorescent plate is made by material added and mixed with said fluorescent  
3      material.

1      18. The human-machine interface device as in claim 15, wherein: said weak light  
2      source is a light source inside of a screen of a monitor.

1      19. An illuminated human-machine interface device, said illuminated human-machine  
2      interface device is a pointing input device, said pointing input device comprises: a  
3      housing having therein fluorescent material.

1      20. The illuminated human-machine interface device as in claim 19, wherein said  
2      pointing input device is a mouse.